



SEQUENCE LISTING

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 van Tetering, Angelique
 Sloothaak, Jan Bart
 Frankena, Jurjen
 Venema, Jakob

<120> Novel Human G-Protein coupled Receptor

<130> TPP 31440

<140> US 10/088,054

<141> 2002-03-14

<160> 9

<170> PatentIn Ver. 2.1

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 <212> DNA
 <213> Homo sapiens

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 <222> (149)..(1138)

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 caggggcacc agtggaggtt ttctgagc atg gat cca acc acc ccg gcc tgg 172
 Met Asp Pro Thr Thr Pro Ala Trp
 1 5

gga aca gaa agt aca aca gtg aat gga aat gac caa gcc ctt ctt ctg 220
 Gly Thr Glu Ser Thr Thr Val Asn Gly Asn Asp Gln Ala Leu Leu Leu
 10 15 20

ctt tgt ggc aag gag acc ctg atc ccg gtc ttc ctg atc ctt ttc att 268
 Leu Cys Gly Lys Glu Thr Leu Ile Pro Val Phe Leu Ile Leu Phe Ile
 25 30 35 40

gcc ctg gtc ggg ctg gta gga aac ggg ttt gtg ctc tgg ctc ctg ggc 316
 Ala Leu Val Gly Leu Val Gly Asn Gly Phe Val Leu Trp Leu Leu Gly
 45 50 55

ttc cgc atg cgc agg aac gcc ttc tct gtc tac gtc ctc agc ctg gcc 364
 Phe Arg Met Arg Arg Asn Ala Phe Ser Val Tyr Val Leu Ser Leu Ala
 60 65 70

ggg gcc gac ttc ctc ttc ctc tgc ttc cag att ata aat tgc ctg gtg 412
 Gly Ala Asp Phe Leu Phe Leu Cys Phe Gln Ile Ile Asn Cys Leu Val
 75 80 85

tac ctc agt aac ttc ttc tgt tcc atc tcc atc aat ttc cct agc ttc 460
 Tyr Leu Ser Asn Phe Phe Cys Ser Ile Ser Ile Asn Phe Pro Ser Phe

90	95	100	
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Phe Thr Thr Val Met Thr Cys Ala Tyr Leu Ala Gly Leu Ser Met Leu			
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agc acc gtc agc acc gag cgc tgc ctg tcc gtc ctg tgg ccc atc tgg			556
Ser Thr Val Ser Thr Glu Arg Cys Leu Ser Val Leu Trp Pro Ile Trp			
125	130		135
tat cgc tgc cgc ccc aga cac ctg tca gcg gtc gtg tgt gtc ctg			604
Tyr Arg Cys Arg Arg Pro Arg His Leu Ser Ala Val Val Cys Val Leu			
140	145		150
ctc tgg gcc ctg tcc cta ctg ctg agc atc ttg gaa ggg aag ttc tgt			652
Leu Trp Ala Leu Ser Leu Leu Ser Ile Leu Glu Gly Lys Phe Cys			
155	160		165
ggc ttc tta ttt agt gat ggt gac tct ggt tgg tgt cag aca ttt gat			700
Gly Phe Leu Phe Ser Asp Gly Asp Ser Gly Trp Cys Gln Thr Phe Asp			
170	175		180
ttc atc act gca gcg tgg ctg att ttt tta ttc atg gtt ctc tgt ggg			748
Phe Ile Thr Ala Ala Trp Leu Ile Phe Leu Phe Met Val Leu Cys Gly			
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tcc agt ctg gcc ctg ctg agg atc ctc tgt ggc tcc agg ggt ctg			796
Ser Ser Leu Ala Leu Leu Val Arg Ile Leu Cys Gly Ser Arg Gly Leu			
205	210		215
cca ctg acc agg ctg tac ctg acc atc ctg ctc aca gtg ctg gtg ttc			844
Pro Leu Thr Arg Leu Tyr Leu Thr Ile Leu Leu Thr Val Leu Val Phe			
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ctc ctc tgc ggc ctg ccc ttt ggc att cag tgg ttc cta ata tta tgg			892
Leu Leu Cys Gly Leu Pro Phe Gly Ile Gln Trp Phe Leu Ile Leu Trp			
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atc tgg aag gat tct gat gtc tta ttt tgt cat att cat cca gtt tca			940
Ile Trp Lys Asp Ser Asp Val Leu Phe Cys His Ile His Pro Val Ser			
250	255		260
gtt gtc ctg tca tct ctt aac agc agt gcc aac ccc atc att tac ttc			988
Val Val Leu Ser Ser Leu Asn Ser Ser Ala Asn Pro Ile Ile Tyr Phe			
265	270		275
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ttc gtg ggc tct ttt agg aag cag tgg cgg ctg cag cag ccg atc ctc			1036
Phe Val Gly Ser Phe Arg Lys Gln Trp Arg Leu Gln Gln Pro Ile Leu			
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aag ctg gct ctc cag agg gct ctg cag gac att gct gag gtg gat cac			1084
Lys Leu Ala Leu Gln Arg Ala Leu Gln Asp Ile Ala Glu Val Asp His			
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Ser Glu Gly Cys Phe Arg Gln Gly Thr Pro Glu Met Ser Arg Ser Ser			
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35 40 45
Gly Phe Val Leu Trp Leu Leu Gly Phe Arg Met Arg Arg Asn Ala Phe
50 55 60
Ser Val Tyr Val Leu Ser Leu Ala Gly Ala Asp Phe Leu Phe Leu Cys
65 70 75 80
Phe Gln Ile Ile Asn Cys Leu Val Tyr Leu Ser Asn Phe Phe Cys Ser
85 90 95
Ile Ser Ile Asn Phe Pro Ser Phe Phe Thr Thr Val Met Thr Cys Ala
100 105 110
Tyr Leu Ala Gly Leu Ser Met Leu Ser Thr Val Ser Thr Glu Arg Cys
115 120 125
Leu Ser Val Leu Trp Pro Ile Trp Tyr Arg Cys Arg Arg Pro Arg His
130 135 140
Leu Ser Ala Val Val Cys Val Leu Leu Trp Ala Leu Ser Leu Leu Leu
145 150 155 160
Ser Ile Leu Glu Gly Lys Phe Cys Gly Phe Leu Phe Ser Asp Gly Asp
165 170 175
Ser Gly Trp Cys Gln Thr Phe Asp Phe Ile Thr Ala Ala Trp Leu Ile
180 185 190
Phe Leu Phe Met Val Leu Cys Gly Ser Ser Leu Ala Leu Leu Val Arg
195 200 205
Ile Leu Cys Gly Ser Arg Gly Leu Pro Leu Thr Arg Leu Tyr Leu Thr
210 215 220
Ile Leu Leu Thr Val Leu Val Phe Leu Leu Cys Gly Leu Pro Phe Gly
225 230 235 240
Ile Gln Trp Phe Leu Ile Leu Trp Ile Trp Lys Asp Ser Asp Val Leu
245 250 255
Phe Cys His Ile His Pro Val Ser Val Val Leu Ser Ser Leu Asn Ser
260 265 270
Ser Ala Asn Pro Ile Ile Tyr Phe Phe Val Gly Ser Phe Arg Lys Gln
275 280 285

Trp Arg Leu Gln Gln Pro Ile Leu Lys Leu Ala Leu Gln Arg Ala Leu
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primers

<220>
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